

Substitute for Form 1449 A &amp; B/PTO

Complete if Known

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 1 of 4

Application Number	10/662,397
Confirmation Number	1476
Filing Date	September 16, 2003
First Named Inventor	USUI, Minoru
Art Unit	2856
Examiner Name	Andre JACKSON
Attorney Docket Number	Q77369

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US 4,677,448		6/30/1987	Mizusawa et al.
		US 2003/0117450	A1	6/26/2003	Usui et al.
		US 2003/0043216	A1	3/6/2003	Usui et al.
		US 2003/0117451	A1	6/26/2003	Usui et al.
		US 2003/0071862	A1	4/17/2003	Tsukada et al.
		US 2002/0135623	A1	9/26/2002	Tsukada et al.
		US 4,337,470		6/29/1982	Furukawa
		US 2002/0015068	A1	2/7/2002	Tsukada et al.
		US 2002/0170353	A1	11/21/2002	Usui et al.

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		CN	1274645	A	11/29/2000		Abstract
		EP	885 731	A2	12/23/1998		
		EP	860 284	A2	8/26/1998		
		EP	956 964	A2	11/17/1999		
		EP	803 365	A2	10/29/1997		
		EP	676 624	A2	10/11/1995		
		JP	62-184856	A	8/13/1987		Abstract
		JP	8-34123	A	2/6/1996		Abstract
		JP	2000-43287	A	2/15/2000		Abstract
		JP	56-39413	A	4/15/1981		Abstract
		JP	10-323997	A	12/8/1998		Abstract
		JP	11-10909	A	1/19/1999		Abstract

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Examiner Signature

Andre K. Jackson

Date Considered

01/31/05

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<i>[initials]</i>		US 6,536,861	B1	3/25/2003	Usui et al.
<i>[initials]</i>		US 6,361,136	B1	3/26/2002	Watanabe et al.
<i>[initials]</i>		US 6,438,500	B1	8/20/2002	Froger et al.
<i>[initials]</i>		US 6,435,638	B1	8/20/2002	Wilson et al.
<i>[initials]</i>		US 6,254,212	B1	7/3/2001	Coudray et al.
<i>[initials]</i>		US 6,416,152	B1	7/9/2002	Matsuzaki et al.
<i>[initials]</i>		US 6,347,853	B1	2/19/2002	Kato
<i>[initials]</i>		US 5,068,836		11/26/1991	Steel
<i>[initials]</i>		US 5,835,817	A	11/10/1998	Bullock et al.

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<i>[initials]</i>		JP	11-277760	A	10/12/1999		Abstract
<i>[initials]</i>		JP	11-334107	A	12/7/1999		Abstract
<i>[initials]</i>		JP	4-234670	A	8/24/1992		Abstract
<i>[initials]</i>		JP	5-318757	A	12/3/1993		Abstract
<i>[initials]</i>		JP	7-137291	A	5/30/1995		Abstract
<i>[initials]</i>		JP	11-020188	A	1/26/1999		Abstract
<i>[initials]</i>		JP	2000-190523	A	7/11/2000		Abstract
<i>[initials]</i>		JP	56-39414	A	4/15/1981		Abstract
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Date Considered

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[initials]		US 6,012,794	A	1/11/2000	Nakano et al.
[initials]		US 5,635,961	A	6/3/1997	Sato
[initials]		US 4,310,957		1/19/1982	Sachs
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[initials]		US 5,506,611	A	4/9/1996	Ujita et al.
[initials]		US 6,344,658	B1	2/5/2002	Nakagawa et al.
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[initials]		US 5,132,711	A	7/21/1992	Shinada et al.

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[initials]		JP	06-155762	A	6/3/1994		Abstract
[initials]		JP	09-029991	A	2/4/1997		Abstract
[initials]		JP	09-220216	A	8/26/1997		Abstract
[initials]		JP	09-039263	A	2/10/1997		Abstract
[initials]		JP	09-267488	A	10/14/1997		Abstract
[initials]		JP	58-201027		11/22/1983		Abstract
[initials]		JP	5-25325	U	4/2/1993		Abstract
[initials]		JP	59-52422	U	4/6/1984		Abstract
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[initials]		JP	56-61421		10/17/1994		Abstract

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		Number	Kind Code <sup>2</sup> (if known)		
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		US 5,694,156	A	12/2/1997	Hoisington et al.
		US 5,900,888	A	5/4/1999	Kurosawa
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		US			

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		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
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		JP	11-020162	A	1/26/1999		Abstract
		JP	7-081290	A	3/28/1995		Abstract
		JP	9-020013	A	1/21/1997		Abstract
		JP	3-036037	A	2/15/1991		Abstract
		JP	11-048490	A	2/23/1999		Abstract
		EP	0 881 079	A2	2/12/1998		

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		[Press F11]	

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Sheet	1	of	1
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